

DOCKET NO.: CNRD-0005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

M. Mahadeva Reddi; Mitchell B. Oslon;  
Dennis A. Silage

Serial No.: Not yet assigned

Group Art Unit: Not yet assigned

Filing Date: Herewith

Examiner: Not yet assigned

For: OPTICAL POSITION SENSING OF MULTIPLE RADIATING SOURCES  
IN A MOVABLE BODY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

- ☒ In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first office action after the filing of request for continued examination under §1.114, no additional fee is required.

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- ☐ In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with ☐the first or ☐second After Final Submission, therefore:
- ☐ Certification in Accordance with §1.97(e) is attached; or
- ☐ The fee of **\$180.00** as set forth in §1.17(p) is attached.
- ☐ In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or before an action that otherwise closes prosecution in the application, therefore:
- ☐ Certification in Accordance with §1.97(e) is attached; or
- ☐ The fee of **\$180.00** as set forth in §1.17(p) is attached.
- ☐ In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); and the submission fee of **\$180.00** as set forth in §1.17(p).
- ☒ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- ☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT:
- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- ☐ In accordance with §1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were

previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. §120 have been made in the instant application:

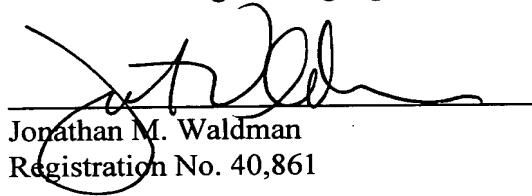
- ☐ Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. , filed .
- ☐ If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050.

This form is submitted in duplicate.

There are no listed references which are not in the English language.

Date: October 30, 2001

  
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<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>CNRD-0005</b>	Serial No. Not yet assigned
	Applicant <b>M. Mahadeva Reddi; Mitchell B. Oslon;          Dennis A. Silage</b>	
	Filing Date <b>Herewith</b>	Group Not yet assigned

J1059 U.S. PRO  
 10/020479  
 10/30/01

### U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	AA	4,092,072	5/30/78	Ellis	356	152
	AB	4,111,555	9/5/78	Ellis	356	141
	AC	4,193,689	3/18/80	Reymond et al.	356	152
	AD	4,649,504	3/10/87	Krouglicof et al.	364	559
	AE	4,973,156	11/27/90	Dainis	356	141
	AF	5,317,931	6/7/94	Kalami	73	866.4
	AG	5,828,770	10/27/98	Leis et al.	382	103

### FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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		Filing Date <b>Herewith</b>	Group <b>Not yet assigned</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>AH</b>	Blackman, S., et al., "Design and Analysis of Modern Tracking Systems," <i>Artech House</i> , 1999, pp. 439-440.	
	<b>AI</b>	Rouhana, S.W., et al., "A High-Speed Sensor For Measuring Chest Deflection In Crash Test Dummies," <i>Proceedings of the Sixteenth Int. Tech. Conf. on the Enhanced Safety of Vehicles</i> , Vol. 3, Paper No. 98-S9-0-15, 1998, pp. 2017-2045.	
	<b>AJ</b>	Blais, F., et al. "Real-Time Numerical Peak Detector," <i>Signal Processing</i> , Vol. 11, No. 2, Sept. 1986, pp. 145-155.	
	<b>AK</b>	Ogata, K., et al., "Development of a Sternum Displacement Sensing System for Hybrid III Dummy," <i>13th International Technical Conference on Experimental Safety Vehicles</i> (Paris, France, November 1991), pp. 1-17.	
	<b>AL</b>	Hagedorn, A., et al., "Performance of an Advanced ATD Thorax System in Frontal Crash Environments," <i>Proceedings of the 1992 International IRCOBI Conference on the Biomechanics of Impacts</i> , Verona, Italy, (12 pages).	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	